



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In application of: BAILEY et al.

Attorney Docket No.: LAM1P130/P0566

Application No.: 09/536,000

Examiner: ALEJANDRO MUIÑO, L.

Filed: March 27, 2000

Group: 1763

Title: METHOD AND APPARATUS FOR  
VARYING A MAGNETIC FIELD TO  
CONTROL A VOLUME OF A PLASMARECEIVED  
JAN 14 2002  
TC 1700

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with  
the United States Postal Service as First Class Mail to: Box Non-  
Fee Amendment, Commissioner for Patents, Washington, D.C.  
20231 on December 26, 2001.

Signed: 

Sue Funchess

AMENDMENT B TRANSMITTAL

Box Non-Fee Amendment  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

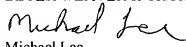
Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	27	MINUS	27	0	x 9 =	x 18 = \$0
Independent Claims	3	MINUS	3	0	x 40 =	x 80 = \$0
Multiple Dependent Claim Present and Fee Not Previously Paid					\$135.00	\$270.00
Total					\$	\$0

- ☐ Applicant(s) hereby petition for a \_\_\_\_\_ extension(s) of time to respond to the  
aforementioned Office Action.
- ☒ Applicant(s) believe that no (additional) Extension of Time is required; however, if it is  
determined that such an extension is required, Applicant(s) hereby petition that such an extension  
be granted and authorize the Commissioner to charge the required fees for an Extension of Time  
under 37 CFR 1.136 to Deposit Account No. 50-0388 (Order No. LAM1P130).
- ☐ Enclosed is our Check No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ to cover the additional  
claim fee and/or extension of time fees.
- ☒ Please charge the required fees, or any additional fees required to facilitate filing the  
enclosed response, to Deposit Account No. 50-0388 (Order No. LAM1P130).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP

  
Michael Lee  
Reg. No. 31,846

P.O. Box 778  
Berkeley, CA 94704-0778



PATENT

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Attorney Docket No.:  
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VARYING A MAGNETIC FIELD TO CONTROL  
A VOLUME OF A PLASMA

RECEIVED  
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8B  
1/15/01

CERTIFICATE OF MAILING

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United States Postal Service as First Class Mail to: Box Non-Fee  
Amendment, Commissioner for Patents, Washington, D.C. 20231  
on December 26, 2001.

Signed: \_\_\_\_\_

Sue Funchess

Box Non-Fee Amendment  
Commissioner for Patents  
Washington, D.C. 20231

AMENDMENT (B) AND RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action dated October 3, 2001, please amend the above-identified patent application as follows:

IN THE CLAIMS

Please amend claims 1, 4, 5, 9, 15, and 28 as follows:

1. (Once Amended) A plasma processing apparatus for processing a substrate, comprising:

a process chamber, defined at least in part by a top end and a bottom end and a wall extending between the top end and the bottom end, within which a plasma is ignited and sustained for said processing;

a magnetic array having a plurality of magnetic elements that are disposed around the periphery of said process chamber around the outside of said wall, said plurality of magnetic elements being configured to produce a magnetic field establishing a plurality of cusp patterns on said wall, and wherein each of the plurality of magnetic elements spans substantially from the top end to the bottom end of the process chamber; and